

ABSTRACT OF THE DISCLOSURE

A utility pole installation system and method is disclosed which permits utility poles to be installed via the use of a uni-loader or similar device in areas that are space constrained. Specifically, the present invention is advantageously applied to situations where thick brush or other vegetation makes installation and/or replacement of utility poles difficult. The present invention integrates the utility pole installation function by permitting a single uni-loader attachment to (a) drill the earth holes necessary for utility pole installation, (b) place the utility pole in the drilled earthen hole, (c) install necessary guy wire anchors necessary to maintain utility pole stability, and (d) lift transformers and/or other equipment to the top of the utility pole for attachment to the utility pole. The present invention incorporates a structural frame for attachment to a uni-loader, a pole attachment means coupled with a rotating motor means and an articulating piston means to permit manipulation of the utility pole in multiple degrees of freedom, permitting placement of the utility pole in space constrained environments, such as those associated with replacement of existing utility poles or other utility structures.